WASHINGTON STATE DEPARTMENT OF ECOLOGY
ENVIRONMENTAL ASSESSMENT PROGRAM
LAB ACCREDITATION UNIT

INITIAL APPLICATION FOR ENVIRONMENTAL LABORATORY ACCREDITATION

Reference: Chapter 173-50 WAC

SECTION 1 – General Information

1. Name of Lab _____

2. Lab Mailing Address

_____ _____
Number and street or PO Box **EPA ID#**

_____ _____ _____ _____
City **County** **State** **ZIP**

3. Location of Lab if different than mailing address _____
Number and street, city, and state

4. Accreditation Point of Contact _____

_____ _____
Position **Mobile number**

_____ _____
Telephone number **FAX number**

_____
E-mail address

5. Type of Accreditation Requested

Check all that apply

	Type	Complete Sections
☐	Direct Accreditation for the below matrices:	3, 6, and 7
☐	Non Potable Water	
☐	Drinking Water	
☐	Solid & Chemical Materials	
☐	Air & Emissions	
☐	Recognition of Third Party Accreditation	3, 6, 7, and 8

This application reflects the changes to Chapter 173-50 WAC which were effective September 9, 2010. The amended rule is available on the internet. The address is http://apps.leg.wa.gov/WAC/default.aspx?cite=173-50. The *Procedural Manual for the Environmental Laboratory Accreditation Program* is also available at https://fortress.wa.gov/ecy/publications/summarypages/1003048.html

If you need this document in a format for the visually impaired, call the Lab Accreditation Unit at (360) 871-8840. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call (877) 833-6341.

SECTION 2 – Instructions

Please complete Section 1, and complete Sections 3, 6, and 7. If the laboratory is requesting recognition of a Third Party Accreditation, please complete Section 8.

Section	Title	Page
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SECTION 3 – Proficiency Testing and Certification

Proficiency Testing (PT)

In the spaces below, list the PT studies the lab has done during the past 12 months. ***Include a copy of each evaluation report with this application.***

Date of Report	*Provider of PT Samples*	*Study Number*
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Certificate of Applicant

I certify I have read Chapter 173-50 WAC as it pertains to accreditation of the laboratory identified in Section I of this application and am aware of no misrepresentations concerning that laboratory in this application.

_____ _____ _____

Signature of applicant or designated representative | Position | Date

SECTION 4 – Submission Information

- **Please send the following items to the mailing address or to the e-mail address below. Electronic submittals are preferred.**

1. The completed application,
2. A copy of each of the PT evaluation reports, and
3. A copy of the lab's Quality Assurance Manual and SOPs.

Mailing Address-for USPS:

Department of Ecology
Lab Accreditation Unit
PO Box 488
Manchester, WA 98353

Physical Address-for Courier Service Delivery

Department of Ecology
Lab Accreditation Unit
7411 Beach Drive East
Port Orchard, WA 98366

E-mail: ***ella.rae@ecy.wa.gov***

Telephone: (360) 871-8840 ***Fax: (360) 871-8849***

SECTION 5 – Fee Structure

There are two types of accreditation in the Department of Ecology's Environmental Laboratory Accreditation Program.

- Direct accreditation
- Recognition of a third party accreditation/certification

Accreditation Type	Fee Calculation Basis
Direct accreditation by Washington State Department of Ecology	Direct Accreditation Fees per WAC 173-50-190
Recognition of a third party accreditation/certification	75% of Direct Accreditation Fees

Fee Calculation

After we review your application materials and prepare your Certificate and Scope of Accreditation, we will calculate your fees and send an invoice to you. Payment is requested within 30 days after receipt of invoice.

SECTION 5A – Primary Service Function Identification

Please use an "X" to designate one primary service function code that best fits your lab from the following:

x	Code	Primary Service Function
	A	Academic
	C	Commercial (accepts samples for analyses from the general public & others for a fee)
	F	Federal
	G	Governmental non-federal (multi-purpose regional, port, city, multi-city, county, state)
	H	Public Health
	I	Industrial (serves only one facility or one industry)
	T	Tribal
	W	Wastewater treatment

SECTION 6 – Parameter Listing

Directions for Requesting Accreditation for Specific Parameters

The following instructions apply to each of the eight categories:
General Chemistry, Trace Metals, Organics I, Organics II, Radioactivity, Microbiology, Immunoassay, and Physical

1. *Check the column to the left of each analyte the lab wants to request.*
2. *Accreditation is **not currently** offered for analyte/method/matrix combinations where matrix column is shaded.*
3. *Write any analyte that is **not** listed in the blank lines at the end of the category*
4. *Write the requested method(s) in the appropriate matrix column or columns. If the lab requests recognition of Third Party Accreditation/Certification for a parameter, enter an "X" in the **"3rd Party"** column. If the lab is requesting recognition of more than one third party accreditation/certification, refer to page 22.*
5. ***All SW-846 methods MUST BE requested under "Solid & Chemical Material."** This category includes analyses for liquids covered by the SW-846 methods.*

General Chemistry

√	Analyte	Drinking Water		Non Potable Water		Solid & Chemical Material		Air & Emissions	
		Method(s)	3rd Party	Method(s)	3rd Party	Method(s)	3rd Party	Method(s)	3rd Party
	Acidity								
	Alkalinity								
	Ammonia								
	Anionic Surfactants/Foaming Agents (MBAS)								
	Asbestos								
	Biochemical Oxygen Demand (BOD) & Carbonaceous BOD								
	Bromide								
	Calcium *See Note 1*								
	Chemical Oxygen Demand (COD)								
	Chloride								
	Chlorine Dioxide								
	Chlorine, Free								
	Chlorine, Total Residual								
	Color								
	Cyanide, Total								
	Cyanide, Weak Acid Dissociable								
	Cyanide, Amenable to Chlorination								
	Dissolved Oxygen								
	Fluoride								
	Hardness, Total *See Note 1*								
	Hexane Extractable Material								
	Magnesium *See Note 1*								

General Chemistry, continued

√	Analyte	Drinking Water		Non Potable Water		Solid & Chemical Material		Air & Emissions	
		Method(s)	3rd Party	Method(s)	3rd Party	Method(s)	3rd Party	Method(s)	3rd Party
	Nitrate								
	Nitrate + Nitrite								
	Nitrite								
	Nitrogen, Total Kjeldahl								
	Oil & Grease								
	Orthophosphate								
	pH								
	Perchlorate								
	Phenolics, Total								
	Phosphorus, Total								
	Potassium *See Note 1*								
	Salinity								
	Silica *See Note 1*								
	Sodium *See Note 1*								
	Solids, Total								
	Solids, Total Dissolved (TDS)								
	Solids, Total Suspended (TSS)								
	Solids, Total Volatile								
	Specific Conductance								
	Sulfate								
	Sulfide								
	Sulfite								
	Total Organic Carbon (TOC)								
	Total Organic Halides (TOX)								
	Total Petroleum Hydrocarbons								
	Turbidity								

Note 1: **If calcium, hardness, magnesium, potassium, silica, sodium, or other analytes are done by AA or ICP, request them in Chemistry II – Trace Metals.**

Trace Metals

√	Analyte	Drinking Water		Non Potable Water		Solid & Chemical Material		Air & Emissions	
		Method(s)	3rd Party	Method(s)	3rd Party	Method(s)	3rd Party	Method(s)	3rd Party
	Aluminum								
	Antimony								
	Arsenic								
	Barium								
	Beryllium								
	Boron								
	Cadmium								
	Calcium								
	Chromium								
	Cobalt								
	Copper								
	Iron								
	Lead								
	Magnesium								
	Manganese								
	Mercury								
	Molybdenum								
	Nickel								
	Potassium								
	Selenium								
	Silica								
	Silver								
	Sodium								
	Strontium								
	Thallium								
	Thorium								
	Tin								
	Titanium								
	Vanadium								
	Zinc								

Organics I – GC and HPLC (without MS Detection)

Group 1: Non Potable Water, Solid & Chemical Materials, and Air & Emissions

1) *The methods after the analytes are examples. Other methods can be requested.*
2) *Accreditation is **not currently** offered for analyte/method/matrix combinations where matrix column is shaded.*
3) *Reminder: **ALL** SW-846 methods **MUST BE REQUESTED ONLY** in Solid & Chemical Materials. This category includes analyses for liquids covered by the SW-846 methods.*

√	Analytes	Non Potable Water		Solid & Chemical Materials		Air & Emissions	
		Method(s)	3rd Party	Methods(s)	3rd Party	Method(s)	3rd Party
	Purgeable Halocarbons (*601)*						
	Purgeable Aromatics *(602)*						
	BTEX *(602)*						
	Aromatic and Halogenated Volatiles *(8021)*						
	Aromatic Volatiles *(8021)*						
	Halogenated Volatiles *(8021)*						
	BTEX *(8021)*						
	Acrolein & Acrylonitrile (*603;8316)*						
	Phenols *(604; 8041)*						
	Benzidines *(605)*						
	Phthalate Esters *(606; 8061)*						
	Nitrosamines *(607; 8070)*						
	Organochlorine Pesticides *(608; 8081)*						
	PCBs *(608; 8082)*						
	Nitroaromatics & Isophorone *(609; 8091)*						
	Polycyclic Aromatic Hydrocarbons (PAHs) *(610;8310)*						
	Haloethers *(611;8111)*						
	Chlorinated Hydrocarbons *(612; 8121)*						
	Organophosphorus Pesticides *(614; 8141)*						
	Chlorinated Herbicides *(615; 8151)*						
	Triazine Pesticides *(619)*						
	Total Petroleum Hydrocarbons – NWTPH-Dx						
	Total Petroleum Hydrocarbons – NWTPH-Gx						
	Extractable Petroleum Hydrocarbons *(EPH)*						
	Volatile Petroleum Hydrocarbons *(VPH)*						
	EDP/DBCP *(8011)*						
	N-Methylcarbamates *(632; 8318)*						
	Nitroaromatics & Nitramines *(8330)*						

Directions for this Section: (1) Method: check the "√" column to indicate which methods are requested
(2) Analyte: for methods with multiple analytes, check the box or boxes to the left of the analyte to indicate specific analytes

Group 2: Drinking Water

√	Method	Analyte	3rd Party
____	EPA 502.2	*Volatile Organic Compounds* ☐ Regulated VOCs ☐ Unregulated VOCs ☐ Vinyl Chloride ☐ Volatile Organic Compounds ☐ Trihalomethanes	_____
____	EPA 504.1	EDB/DBCP/TCP	_____
____	EPA 505	*Organohalide Pesticides & PCBs* ☐ Organohalide Pesticides/PCBs ☐ Organohalide Pesticides ☐ PCBs	_____
____	EPA 506	Phthalate/Adipate Esters	_____
____	EPA 507	Nitrogen & Phosphorus Containing Pesticides	_____
____	EPA 508	*Chlorinated Pesticides* ☐ Chlorinated Pesticides/PCBs ☐ Chlorinated Pesticides ☐ PCBs ☐ Chlordane ☐ Toxaphene	_____
____	EPA 508A	PCB Screening	_____
____	EPA 508.1	Chlorinated Pesticides, Herbicides, and Organohalides	_____
____	EPA 515.1	Chlorinated Acid	_____
____	EPA 515.2	Chlorinated Acid	_____
____	EPA 515.3	Chlorinated Acid	_____
____	EPA 531.1	*N-Methylcarbamoyloximes/ates* ☐ Carbamates/Oximes ☐ N-Methylcarbamates	_____
____	EPA 547	Glyphosate	_____
____	EPA 549.1	Diquat & Paraquat	_____
____	EPA 549.2	Diquat & Paraquat	_____
____	EPA 551.1	*Chlorination Disinfection Byproducts* ☐ Chlorination Disinfection Byproducts ☐ EDB/DBCP/TCP ☐ Halogenated Pesticides & Herbicides ☐ Chlorinated Solvents ☐ Haloacetonitriles ☐ Trihalomethanes	_____
____	EPA 552.1	*Dalapon & Haloacetic Acids (LSE/GC/ECD)* ☐ Haloacetic Acids & Dalapon ☐ Haloacetic Acids ☐ Dalapon	_____
____	EPA 552.2	*Haloacetic Acids & Dalapon (LLE/GC/ECD)* ☐ Haloacetic Acids & Dalapon ☐ Haloacetic Acids ☐ Dalapon	_____
____	EPA 555	Chlorinated Acids	_____

Organics II – GC-MS & HPLC-MS

Note: The Organics II analytes are divided into three groups. Except for dioxin, the methods for Drinking Water analysis are unique and are in a separate table. If accreditation for the same dioxin method in Non Potable Water and Drinking Water is requested, enter the information in Group 2.

Group 1: Non Potable Water, Solid & Chemical Materials, and Air & Emissions

1) *The methods after the analytes are examples. Other methods can be requested.*
2) *Accreditation is **not currently** offered for analyte/method/matrix combinations where matrix column is shaded.*
3) *Reminder: **ALL** SW-846 methods **MUST BE REQUESTED ONLY** in Solid & Chemical Material. This category includes analyses for liquids covered by the SW-846 methods.*

√	Analytes	Non Potable Water		Solid & Chemical Materials		Air & Emissions	
		Method(s)	3rd Party	Methods(s)	3rd Party	Method(s)	3rd Party
	Purgeable (Volatile) Organics *(624; 8260)*						
	BNA Extr (Semivolatile) Organics *(625; 8270)*						
	Methamphetamine *(8270)*						
	PCDD & PCDF by HRGC/LRMS *(8280)*						
	PCDD & PCDF by HRGC/HRMS *(8290)*						
	Total Petroleum Hydrocarbons (NWTPH-Gx)						

Group 2: Dioxin in Non Potable Water and Drinking Water

√	Analytes	Non Potable Water		Drinking Water	
		Method(s)	3rd Party	Methods(s)	3rd Party
	PCDDs/PCDFs in Non Potable Water - EPA 1613 ***and/or*** 2,3,7,8- TCDD in Drinking Water - EPA *1613* *If the analyses are requested in Non Potable Water **AND** Drinking Water, the fee is charged only once.*				

Group 3: Drinking Water Only

Directions for this Section: **(1)** For methods with multiple analytes, check the box or boxes to the left of the analyte to indicate specific analytes

√	Method	Analytes	3rd Party
____	EPA 524.2	*Purgeable Organic Compounds* ☐ Purgeable Organic Compounds ☐ Regulated VOCs ☐ Unregulated VOCs ☐ Trihalomethanes ☐ Vinyl Chloride	_____
____	EPA 525.2	*Organic Compounds* ☐ Organic Compounds ☐ Chlorinated Pesticides ☐ Adipates/Phthalates ☐ Benzo-alpha-pyrene ☐ PCBs	_____
____	EPA 548.1	Endothall	_____
____			
____			
____			
____			

Microbiology

For this section only:

1) *For each requested method, place an "X" or write "Yes" in the appropriate column or columns for Non Potable Water, Drinking Water, or Solid & Chemical Material.*
2) *All method references are most current approved Standard Methods Edition unless noted otherwise.*

Coliform (Total and Fecal) and E.coli: Detection and Enumeration Methods

Analyte	Method Description(s)	Method Reference #	Drinking Water		Non Potable Water		Solid & Chemical Material	
				3rd Party		3rd Party		3rd Party
Detect Total and Fecal Coliform	MTF–LTB/BGB and EC Broth	SM 9221 Band E1						
	SVF-PA Broth and EC Broth	SM 9221 D and E1						
	MF–Endo/BGB and EC Broth	SM 9222 B and 9221 E1						
Detect Total Coliform and E.coli	MTF-LTB/BGB and EC Mug	SM 9221 B and F						
	SVF-PA Broth and EC Mug	SM 9221 D and F						
	MF-Endo/BGB and EC Mug	SM 9222 B and 9221 F						
	MF-Endo/BGB and NA Mug	SM 9222 B and G (NA Mug)						
	MF-Endo/BGB and EC Mug	SM 9222 B and G (EC Mug)						
	MF-MI Agar	EPA 1604						
	MF-mColiBlue	mColiBlue24®						
	MF-Chromocult Agar	Chromocult®						
	Enzyme Substrate-Colilert	SM 9223 B						
	Enzyme Substrate-Colisure	SM 9223 B						
	Enzyme Substrate-Ecolite	Ecolite®						
	Enzyme Substrate-Colitag	Colitag®						
	Enzyme Substrate-Readycult	Readycult®						
Counts Total and Fecal Coliform	MTF serial dilution (LTB/BGB and EC Broth)	SM 9221 B and E1 plus C						
	MF–Endo/BGB and EC Broth	SM 9222 B and 9221 E1 plus C						
Counts Total Coliform and E.coli	MTF serial dilution (LTB/BGB and EC Mug)	SM 9221 B and F plus C						
	MF-Endo/BGB and EC Mug	SM 9222 B and 9221 F plus C						
	MF-Endo/BGB and NA Mug	SM 9222 B and G (NA Mug)						
	MF-MI Agar	EPA 1604						
	MF-mColiBlue	mColiBlue®						
	MF-Chromocult Agar	Chromocult®						
	Enzyme Substrate-Colilert	SM 9223 B						

Analyte	Method Description(s)	Method Reference #	Drinking Water		Non Potable Water		Solid & Chemical Material	
				3rd Party		3rd Party		3rd Party
	Enzyme Substrate-Colisure	SM 9223 B						
Heterotrophic Bacteria	HPC-Pour Plate	SM 9215 B						
	HPC-Spread Plate	SM 9215 C						
	HPC-MF	SM 9215 D						
	SimPlate	Simplate®						
Counts Fecal Coliform ONLY	MTF serial dilution (A-1)	SM 9221 E2 plus C						
		EPA 1681						
	MTF-serial dilution (LTB&EC)	SM 9221 B and E1 plus C						
		EPA 1680						
	MF-mFC	SM 9222 D						
Counts Fecal Coliform and E.coli	MF-mFC/NA Mug	SM 9222 D and G1c1						
Counts E.coli ONLY	MF-mTEC/Urea	SM 9213 D						
	MF-modified mTEC	EPA 1603						

Analyte	Method Description(s)	Method Reference #	Drinking Water		Non Potable Water		Solid & Chemical Material	
				3rd Party		3rd Party		3rd Party
Count Fecal Strep and/or Enterococcus	MTF-Azide Dextrose/PSE/NaCl 6.5%	SM 9230 B						
	MF-mE/EIA substrate	SM 9230 C						
	MF-mEnterococcus	SM 9230 C						
	MF-mEI	EPA 1600						
Count Enterococcus	Enterolert	Enterolert®						
Salmonella		EPA 1682						

Radioactivity

For this section only:

(1) If requesting recognition of Third Party Accreditation, place an "**X**" the "**3rd Party**" column to indicate.

√	Analyte	Drinking Water		Non Potable Water		Solid & Chemical Material	
		Method(s)	3rd Party	Method(s)	3rd Party	Method(s)	3rd Party
	Gross Alpha						
	Gross Beta						
	Cesium 134						
	Cesium 137						
	Cobalt 60						
	Gamma Emitters						
	Iodine 131						
	Radium 226						
	Radium 228						
	Tritium						
	Strontium 89						
	Strontium 90						
	Uranium, Total						

Bioassay/Toxicity in Non Potable Water

√	Determinations	Methods
	Acute Methods – EPA-821-R-02-012	
	Water flea – *Daphnia pulex*	EPA 2021.0
	Water flea – *Daphnia magna*	EPA 2021.0
	Water flea – *Ceriodaphnia dubia*	EPA 2002.0
	Fathead minnow – *Pimephales promelas*	EPA 2000.0
	Rainbow trout – *Oncorhynchus mykiss*	EPA 2019.0
	Brook trout – *Salvelinus fontinalis* .	EPA 2019.0
	Sheepshead minnow – *Cyprinondon variegates*	EPA 2004.0
	Inland silverside – *Menidia* spp.	EPA 2006.0
	Atlantic mysid – *Mysidopsis bahia*	EPA 2007.0
	Pacific mysid – *Holmesimysis costata*	EPA-821-R-02-012
	Chronic Freshwater Methods – EPA-821-R-02-013	
	Fathead minnow – *Pimephales promelas*	EPA 1000.0
	Fathead minnow – *Pimephales promelas* Teratogenicity	EPA 1001.0
	Water flea – *Ceriodaphnia dubia*	EPA 1002.0
	Green alga – *Selenastrum capricornutum* .	EPA 1003.0
	Chronic Saltwater Methods – EPA-821-R-02-014	
	Sheepshead – *Cyprinodon variegatus*	EPA 1004.0
	Inland silverside – *Menidia beryllina*	EPA 1006.0
	Atlantic mysid – *Mysidopsis bahia*	EPA 1007.0
	Sea urchin fertilization – *Arbacia punctulata*	EPA 1008.0
	West Coast Methods – EPA/600/R-95/136	
	Pacific oyster – *Crassostrea gigas*	EPA 1005.0
	Mussels – *Mytilus* spp.	EPA 1005.0
	Top smelt – *Atherinops affinis*	EPA 1006.0
	Pacific mysid – *Holmesimysis costata*	EPA 1007.0
	Echinoderms – *Strongylocentrotus purpuratus*	EPA 1008.0
	Echinoderms – *Dendraster excentricus*	EPA 1008.0
	Giant kelp – *Macrocystis pyrifera*	EPA 1009.0
	Red Abalone – *Haliotus rufescens*	EPA/600/R-95/136
	Sea Urchin Embryo Larval Development – *S. purpuratus*	EPA/600/R-95/136
	Marine Sediment Methods – EPA 600/R-94/025	
	Marine Amphipods – (list species)	EPA 100.4
	Freshwater Sediment Methods – EPA 600/R-99/064	
	Hyalella azteca – 10-d Survival & Growth	EPA 100.1
	Chironomus tentans – 10-d Survival & Growth	EPA 100.2
	Lumbriculus variegates – Bioaccumulation	EPA 100.3
	Hyalella azteca – 42-d Survival, Growth & Reproduction	EPA 100.4
	Chironomus tentans – Life Cycle	EPA 100.5

Bioassay/Toxicity in Non Potable Water, continued

√	Determinations	Methods
	ASTM Methods	
	Bioconcentration, Fishes & Saltwater Bivalve Mollusks	ASTM E 1022
	Marine/estuarine Amphipods – (list species)	ASTM E 1367
	Echinoderm Embryos – (list species)	ASTM E 1563
	Bioaccumulation by Benthic Invertebrates– (list species)	ASTM E 1688
	Freshwater Invertebrates – (list species)	ASTM E 1706
	PSEP Methods	
	Ampelisca abdita	PSEP 1995
	Eohaustorius estuarius	PSEP 1995
	Rhepoxynius abronius	PSEP 1995
	Crassostrea gigas	PSEP 1995
	Mytilus spp.	PSEP 1995
	Dendraster excentricus	PSEP 1995
	Strongylocentrotus spp.	PSEP 1995
	Neanthes arenaceodentata	PSEP 1995
	Microtox™, Saline Sediment Extract	PSEP 1995
	WDOE and Other Methods Not Listed Above	
	Static Salmonid Dangerous Waste	WDOE 80-12 Part A
	Rat Oral Acute Dangerous Waste	WDOE 80-12 Part B

Immunoassay

For this section only:

(1) If requesting recognition of Third Party Accreditation, place an "**X**" the "**3rd Party**" column to indicate.

√	Analyte	Non Potable Water		Solid & Chemical Material	
		Method(s)	3rd Party	Method(s)	3rd Party
	Pentachlorophenol				
	2,4-Dichlorophenoxyacetic Acid				
	PCBs				
	Petroleum Hydrocarbons				
	PAHs				
	Toxaphene				
	Chlorodane				
	DDT				
	TNT Explosives				
	RDX				

Physical – Non Potable Water and Solid & Chemical Material

√	Analyte	Non Potable Water		Solid & Chemical Material	
		Method(s)	3rd Party	Method(s)	3rd Party
	Ignitability, Pensky-Martin				
	Ignitability, Setaflash				
	Ignitability, Solids				
	Corrosivity				
	Corrosion				

SECTION 7 – Personnel and Equipment Data

Part A – Personnel Data

Complete a copy of the following or a comparable substitute completed for each manager, supervisor, and other key personnel. Use additional sheets as necessary.

Name _____ **Present Position** _____

Supervisory Position _____ _____ **Date Hired** _____
(yes) (no)

Major Duties Be specific in terms of duties in analysis of parameters for which accreditation is requested.

_____

_____

_____

Formal Education

Name of Academic Institution	Dates Attended From	To	Major	Minor	Degree/Date
_____	_____		_____	_____	_____
_____	_____		_____	_____	_____
_____	_____		_____	_____	_____

Special Courses. Indicate any short courses, professional training sessions, etc., which prepared the employee for the major duties described above.

Name of Course	Presented By	Dates Attended From	To
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	

Experience. Previous analytical lab employers, most recent first. Add additional pages if necessary.

Employer _____ Position _____

Location _____ Dates Employed _____

Major Duties _____

Employer _____ Position _____

Location _____ Dates Employed _____

Major Duties _____

Continued on next page

Part A – Personnel Data - *Continued*

Fill in the following sheet or a substitute for all technical personnel in the lab. Use additional sheets as necessary.

Type Position	Name	Technical specialty	Date Hired	Summary of education/Experience (e.g., BS Chem 78, 12 yrs anal lab)
Lab Manager				
QA Coordinator				
Supervisors				
Professional/ Technical Staff				

Part B – Equipment Data

Indicate major items of analytical equipment present in the lab and used in the methods for which accreditation is requested. Use additional sheets as necessary to add items. Equipment inventories providing essentially the same information may be substituted for the list below.

CHEMISTRY

Type of Equipment	Manufacturer	Model No.	Qty.
Atomic Absorption Spectrophotometer			
Direct Aspiration			
Furnace			
Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES)			
ICP-Mass Spectrometer (ICP-MS)			
Gas Chromatographs - identify GC associated with each detector			
Flame Ionization Detector			
Electron Capture Detector			
Photoionization Detector			
Hall Detector			
Halide Specific Detector			
Nitrogen/Phosphorus Detector			
Flame Photometric Detector			
Other Detector (specify)			
GC/Mass Spectrometer			
Spectrophotometer			
UV-Visible			
IR			
Fourier Transform IR			
pH meter			
Turbidimeter			
Flame Photometer			
Proportional Counter			
Scintillation Counter			

Part B – Equipment Data - *Continued*

Type of Equipment	Manufacturer	Model No.	Qty.
High Performance Liquid Chromatograph (HPLC) with:			
Ultraviolet detector			
Fluorescence detector			
Other detector (specify)			
Mercury Analyzer			
Ion Chromatograph			
Spectrofluorometer			
X-Ray Diffraction Unit			
Microscope			
General Purpose			
Polarized Light			
Phase Contrast			
Scanning Electron			
Transmission Electron			
Other (specify)			
Analytical Balance			
Conductivity Meter			
Dissolved Oxygen Meter			

MICROBIOLOGY

Type of Equipment	Manufacturer	Model No.	Qty.
Incubators			
Air			
Water Bath			
Heat Block			
Sterilizers			
Autoclave			
Hot Air Oven			
Refrigerator			

Part B – Equipment Data - *Continued*

Type of Equipment	Manufacturer	Model No.	Qty.
Media Prep			
Analytical Balance			
Reference Weights			
pH meter			
Dispensing machine			
Thermometers			
NIST			
Mercury			
Alcohol			
Lab Pure Water System			
Still			
Deionizer			
Reverse Osmosis			
Carbon Adsorption			
Filtration/Ultra filtration			
UV			
Conductivity Meter			
Dishwasher			
Colony Counter			
Sampling/Testing Containers			
Membrane Filtration			
Manifold			
Funnels			
Filters			
Microscope			
UV Lamp for Enzyme Substrate Testing			

SECTION 8 – Third Party Accreditation

A laboratory applying for recognition of accreditation by a third party agreement **must**:

- Complete Sections 1, 3, 6, and Section 7.
- Submit copies of:
  (1) the third party's **accreditation/license/certificate;**
  (2) the third party's **scope of accreditation;**
  (3) the third party's most recent **on-site assessment report;**
  (4) the lab's **corrective action report** relative to the on-site assessment; and
  (5) the most recent evaluation reports of **PT sample analysis results** for the applicable parameters.

If the laboratory applies for recognition of **more** than **one** third party agreement, clearly indicate in Section 6, Parameter Listing, which recognition applies to the individual parameters (analyte + method). An example of this is in the table below.
Key for "**3rd Party**" Column: F = Florida NELAP, C = US Army Corps of Engineers, and A = A2LA.

√	Analyte	Non Potable Water		Drinking Water		Solid & Chemical Material		Air & Emissions	
		Method(s)	3rd Party	Method(s)	3rd Party	Method(s)	3rd Party	Method(s)	3rd Party
√	Aluminum	200.7	F	3113B	F	6010	C		
√	Antimony	200.7	A	200.9	F	6020	C		
√	Arsenic	200.7	F	200.9	A	6010	C		

Submit the completed application to the Department of Ecology. See Section 4 on page 2 for the addresses.

Name and Address of Accrediting Agency _____

_____

_____

Point of Contact at Accrediting Agency _____

(_____) _____
Telephone Number

Effective Date of Accreditation _____ **Expiration Date of Accreditation** _____

Agreement of Applicant to Furnish Evidence of Continuing Accreditation by Third Party

I agree to furnish evidence of continuing accreditation/licensure/certification by the third party identified above for the entire period of accreditation by Department of Ecology, and I understand that failure to do so could result in revocation of Department of Ecology accreditation for the parameters/methods so recognized. If the third party accreditation is scheduled to expire before Ecology's accreditation expires, I will provide evidence that the third party accreditation is renewed.

_____ _____
Signature of applicant or designated representative Position

_____
Date

NOTE: After review by the Laboratory Accreditation Unit, the applicant will be notified if the third party accreditation will be recognized in the State of Washington for all requested parameters. If there are parameters not covered by the third party accreditation, the applicant will be advised and may submit an additional application for those parameters.